Red Lion Unveils N-Tron Series of High-Voltage Ethernet Switches
New Compact Series Switches Support IEC 61850-3 and IEEE 1613 for Electric Utility Applications

York, Pa. and Mobile, Ala. – May 1, 2012 – Red Lion Controls, the global experts in communication, monitoring and control for industrial automation, today announced a new N-Tron series of compact high-voltage industrial Ethernet switches designed for use in extreme environments.

Red Lion's N-Tron series of compact high-voltage switches provides a variety of fiber connectivity options that enables customers to cost-effectively customize solutions to meet specific network requirements. With up to four fiber optic ports, the new switches provide noise immunity for areas subject to high electromagnetic interference (EMI). Fiber Ethernet supports distances up to 80km, making it ideal for wind farm, railway and power applications.

The N-Tron high-voltage switches provide a uniform basis for the protection, connectivity and control of communications devices in harsh environments. The series is certified by KEMA Labs, a respected certification testing laboratory specializing in the energy market for compliance with the IEC 61850-3 and IEEE 1613 standards for electric utility applications such as power substations.

"Our new high-voltage Ethernet switches are built to withstand the harsh conditions and unique requirements of power substation, wind farm and railway applications," said Diane Davis, product manager of connectivity solutions for Red Lion Controls. "In addition to industrial-grade packaging and IEC 61850-3 and IEEE 1613 standards compliance, these switches offer a compact form factor and flexible mounting options for use anywhere in the network, especially in areas where space is very limited."

The following N-Tron series of compact high-voltage industrial Ethernet switches are now available through Red Lion's worldwide network of distributors:

- **709FX-HV:** fully-managed industrial Ethernet switch with eight auto sensing 10/100BaseTX ports and one 100Base fiber port

- **710FX2-HV:** fully-managed industrial Ethernet switch with eight auto sensing 10/100BaseTX ports and two 100Base fiber ports

- **711FX3-HV:** fully-managed industrial Ethernet switch with eight auto sensing 10/100BaseTX ports and three 100Base fiber ports

- **712FX4-HV:** fully-managed industrial Ethernet switch with eight auto sensing 10/100BaseTX ports and four 100Base fiber ports

- **7012FX2-HV:** fully-managed industrial Ethernet switch with eight auto sensing 10/100BaseTX ports, two 100Base fiber ports and two SFP gigabit expansion ports

About Red Lion Controls

As the global experts in communication, monitoring and control for industrial automation, Red Lion has been delivering innovative solutions to customers for forty years. Our award-winning technology enables companies worldwide to gain real-time data visibility that drives productivity. Product brands include Red Lion, Sixnet and N-Tron. With headquarters in York, Pennsylvania, the company has offices across the Americas, Asia-Pacific and Europe. For more information, please visit www.redlion.net. Red Lion is a Spectris company.

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